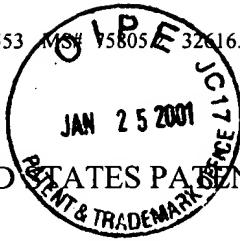


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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Helland et al.

Art Unit: 2756

Application No. 09/425,102

Filed: October 22, 1999

For: SOFTWARE COMPONENT EXECUTION
MANAGEMENT USING CONTEXT OBJECTS
FOR TRACKING EXTERNALLY-DEFINED
INTRINSIC PROPERTIES OF EXECUTING
SOFTWARE COMPONENTS WITHIN AN
EXECUTION ENVIRONMENT

Examiner: Not assigned

Date: January 19, 2001

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 19, 2001 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Attorney for Applicant

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JAN 29 2001

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(3)

TO THE COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Applicants filed this Information Disclosure Statement before the mailing date of a first Office action on the merits. However, if the Patent Office determines that a fee is required for Applicants to file this Information Disclosure Statement, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this Information Disclosure Statement is enclosed.

Please return the enclosed postcard to confirm that the items listed above have been received.

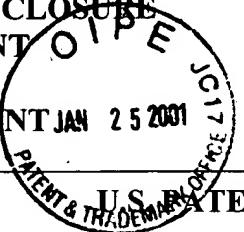
Respectfully submitted,

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cc: Docketing
Client

INFORMATION DISCLOSURE STATEMENT BY APPLICANT JAN 25 2001			Docket: 3382-53553		App: 09/425,102		
			Applicant: Helland et al.				
			Filed: October 22, 1999		Art Unit: 2756		
 <p style="text-align: center;">U.S. PATENT DOCUMENTS</p>							
Init.*		Number	Date	Name	Class	Sub	Filed
		5,890,161	3/30/1999	Helland et al.			
					RECEIVED		
					JAN 29 2001		
					Technology	Center 2100	
OTHER DOCUMENTS							
			Bernstein and Newcomer, "Database System Recovery," Principles of Transaction Processing for the Systems Professional, Morgan Kaufmann Publishers, Inc., San Francisco, CA, chapter 8, pages 241-266 (January 1997)				
			Gray & Reuter, "Log Manager," Transaction Processing: Concepts and Techniques, Morgan Kaufmann Publishers, San Francisco, CA, chapter 9, pages 493-525 (1993)				
			Gray & Reuter, The Role of a Compensating Transaction, <i>Transaction Processing: Concepts and Techniques</i> , pages 204-205 (1993)				
			Tucker, Jr. (Editor), Concurrency Control and Recovery, <i>The Computer Science and Engineering Handbook</i> , pages 1058-1077 (December 1996)				
EXAMINER:			DATE				
<p>*Examiner: Initial if considered, whether or not in conformance with MPEP 60; draw line through cite if not in conformance and not considered. Send copy.</p>							